

ABSTRACT

Electrolyte solution and an electrolytic capacitor using it having a low impedance characteristic, having a high withstand voltage characteristic of 100V class, and a high temperature life characteristic is provided.

The electrolyte solution containing an aluminum tetrafluoride salt, and a solvent with high boiling point, such as sulfolane, 3-methyl sulfolane, and 2,4-dimethyl sulfolane, and the like are used. The electrolytic capacitor of the present invention has the low impedance characteristic, the high withstand voltage characteristic, and the excellent high temperature life characteristic.